

Math 7

Parents as Partners

What we are learning about: Unit 4 Geometry

One way you can help your student succeed in the unit is by discussing the lesson targets in the chart below. When a lesson is completed, ask your student the following questions:

1. What are the targets (goals) of the lesson?
2. What new words and formulas did you learn?
3. How can you apply the ideas of the lesson to your life?

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| **Target** | **Examples** | **Key Vocabulary** |
| **Scale Drawing**  Chapter 7 Section 4 | Image result for example of scale drawing | * Scale * Scale Drawing * Scale Model * Scale Factor |
| **Classifying Angles**  Chapter 7 Section 1 | Image result for vertical and adjacent angles1 and 2 are adjacent  1 and 3 are vertical | * Acute * Obtuse * Straight Angle * Vertical Angle * Congruent Angle * Adjacent Angle |
| **Complementary and Supplementary Angles**  Chapter 7 Section 2 | Image result for complementary and supplementary angles | * Complementary Angles * Supplementary Angles * Right Angle |
| **Rules of Triangle**  Chapter 7 Section 3 | Image result for sides of triangle ruleImage result for sides of triangle rule | * Side Inequality Theorem * Sum of Angles Theorem |
| **Circumference and Area of Circles**  Chapter 8 Sect. 1,2 | Image result for Area of CircleImage result for circumference of a circle C= 2 x r x π  C= d x π | * Diameter * Circumference * Radius * Pi * Semicircle * Area |
| **Cross Sections of 3D shapes**  Chapter 7 Section 6 | Image result for cross section of 3D shapes | * Cross Section * Horizontal * Vertical * Base |
| **Volume of Prism**  Chapter 8 Section 4 | Image result for volume of prism | * Prism * Volume * Length * Width * Height * Cubic Units |
| **Surface Area of Prisms**  Chapter 8 Section 6 | Image result for surface area of prism | * Prism * Surface Area * Length * Width * Height * Square Units |

If you or your students have any questions about the unit or math class, feel free to contact me at [hummelcl@qps.org](mailto:hummelcl@qps.org) or call 217-223-0373 Extension 1309